

1644

P.5
P#8

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/296,662

DATE: 09/26/2000
 TIME: 08:30:53

Input Set : A:\20221Y Sequence Listing.txt
 Output Set: N:\CRF3\09262000\I296662.raw

4 <110> APPLICANT: Anthony Rosen
 5 Donald W. Nicholson
 6 Livia Casciola-Rosen
 7 Felipe A. Andrade
 8 Sophie Roy
 9 Nancy A. Thornberry
 11 <120> TITLE OF INVENTION: AUTOANTIGENIC FRAGMENTS, METHODS AND
 12 ASSAYS
 14 <130> FILE REFERENCE: 20221Y
 16 <140> CURRENT APPLICATION NUMBER: 09/296,662
 C--> 17 <141> CURRENT FILING DATE: 1998-04-22
 19 <150> PRIOR APPLICATION NUMBER: 60/000,060
 20 <151> PRIOR FILING DATE: 2000-04-22
 22 <160> NUMBER OF SEQ ID NOS: 37
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 4
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Human
 31 <400> SEQUENCE: 1
 32 Asp Glu Val Asp
 33 1
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 4
 37 <212> TYPE: PRT
 38 <213> ORGANISM: Human
 40 <400> SEQUENCE: 2
 41 Ile Glu Ala Asp
 42 1
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 5
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Human
 49 <400> SEQUENCE: 3
 50 Val Ala Thr Asp Ala
 51 1 5
 53 <210> SEQ ID NO: 4
 54 <211> LENGTH: 5
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Human
 58 <400> SEQUENCE: 4
 59 Val Asp Pro Asp Tyr
 60 1 5
 62 <210> SEQ ID NO: 5
 63 <211> LENGTH: 5
 64 <212> TYPE: PRT
 65 <213> ORGANISM: Human

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OCT 02 2000

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RAW SEQUENCE LISTING
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Input Set : A:\20221Y Sequence Listing.txt
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67 <400> SEQUENCE: 5
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69 1 5
71 <210> SEQ ID NO: 6
72 <211> LENGTH: 5
73 <212> TYPE: PRT
74 <213> ORGANISM: Human
76 <400> SEQUENCE: 6
77 Leu Thr Pro Asp Lys
78 1 5
80 <210> SEQ ID NO: 7
81 <211> LENGTH: 5
82 <212> TYPE: PRT
83 <213> ORGANISM: Human
85 <400> SEQUENCE: 7
86 Val Gly Pro Asp Gly
87 1 5
89 <210> SEQ ID NO: 8
90 <211> LENGTH: 5
91 <212> TYPE: PRT
92 <213> ORGANISM: Human
94 <400> SEQUENCE: 8
95 Val Asp Pro Asp Ser
96 1 5
98 <210> SEQ ID NO: 9
99 <211> LENGTH: 5
100 <212> TYPE: PRT
101 <213> ORGANISM: Human
103 <400> SEQUENCE: 9
104 Leu Gly Asn Asp Ser
105 1 5
107 <210> SEQ ID NO: 10
108 <211> LENGTH: 5
109 <212> TYPE: PRT
110 <213> ORGANISM: Human
112 <400> SEQUENCE: 10
113 Val Glu Lys Asp Ser
114 1 5
116 <210> SEQ ID NO: 11
117 <211> LENGTH: 5
118 <212> TYPE: PRT
119 <213> ORGANISM: Human
121 <400> SEQUENCE: 11
122 Val Thr Pro Asp Gln
123 1 5
125 <210> SEQ ID NO: 12
126 <211> LENGTH: 5
127 <212> TYPE: PRT
128 <213> ORGANISM: Human

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130 <400> SEQUENCE: 12
131 Leu Gly Pro Asp Glu
132 1 5
134 <210> SEQ ID NO: 13
135 <211> LENGTH: 5
136 <212> TYPE: PRT
137 <213> ORGANISM: Human
139 <400> SEQUENCE: 13
140 Val Ala Pro Asp Arg
141 1 5
143 <210> SEQ ID NO: 14
144 <211> LENGTH: 5
145 <212> TYPE: PRT
146 <213> ORGANISM: Human
148 <400> SEQUENCE: 14
149 Ile Cys Pro Asp Met
150 1 5
152 <210> SEQ ID NO: 15
153 <211> LENGTH: 5
154 <212> TYPE: PRT
155 <213> ORGANISM: Human
157 <400> SEQUENCE: 15
158 Val Cys Thr Asp Lys
159 1 5
161 <210> SEQ ID NO: 16
162 <211> LENGTH: 5
163 <212> TYPE: PRT
164 <213> ORGANISM: Human
166 <400> SEQUENCE: 16
167 Val Glu Gln Asp Met
168 1 5
170 <210> SEQ ID NO: 17
171 <211> LENGTH: 5
172 <212> TYPE: PRT
173 <213> ORGANISM: Human
175 <400> SEQUENCE: 17
176 Val Asp Ser Asp Glu
177 1 5
179 <210> SEQ ID NO: 18
180 <211> LENGTH: 5
181 <212> TYPE: PRT
182 <213> ORGANISM: Human
184 <400> SEQUENCE: 18
185 Ile Thr Pro Asp Pro
186 1 5
188 <210> SEQ ID NO: 19
189 <211> LENGTH: 5
190 <212> TYPE: PRT
191 <213> ORGANISM: Human

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Input Set : A:\20221Y Sequence Listing.txt
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193 <400> SEQUENCE: 19
194 Val Thr Pro Asp Pro
195 1 5
197 <210> SEQ ID NO: 20
198 <211> LENGTH: 5
199 <212> TYPE: PRT
200 <213> ORGANISM: Human
202 <400> SEQUENCE: 20
203 Ile Ser Ser Asp Arg
204 1 5
206 <210> SEQ ID NO: 21
207 <211> LENGTH: 4
208 <212> TYPE: PRT
209 <213> ORGANISM: Human
211 <400> SEQUENCE: 21
212 Ile Cys Thr Asp
213 1
215 <210> SEQ ID NO: 22
216 <211> LENGTH: 4
217 <212> TYPE: PRT
218 <213> ORGANISM: Human
220 <400> SEQUENCE: 22
221 Val Asp Val Asp
222 1
224 <210> SEQ ID NO: 23
225 <211> LENGTH: 4
226 <212> TYPE: PRT
227 <213> ORGANISM: Human
229 <400> SEQUENCE: 23
230 Ser Glu Val Asp
231 1
233 <210> SEQ ID NO: 24
234 <211> LENGTH: 5
235 <212> TYPE: PRT
236 <213> ORGANISM: Human
238 <400> SEQUENCE: 24
239 Val Gly Pro Asp Phe
240 1 5
242 <210> SEQ ID NO: 25
243 <211> LENGTH: 5
244 <212> TYPE: PRT
245 <213> ORGANISM: Human
247 <400> SEQUENCE: 25
248 Asp Glu Val Asp Asn
249 1 5
251 <210> SEQ ID NO: 26
252 <211> LENGTH: 4
253 <212> TYPE: PRT
254 <213> ORGANISM: Human

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Input Set : A:\20221Y Sequence Listing.txt
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257 Tyr Val Ala Asp
258 1
260 <210> SEQ ID NO: 27
261 <211> LENGTH: 5
262 <212> TYPE: PRT
263 <213> ORGANISM: Human
265 <400> SEQUENCE: 27
266 Val Gly Pro Asp Ser
267 1 5
269 <210> SEQ ID NO: 28
270 <211> LENGTH: 4
271 <212> TYPE: PRT
272 <213> ORGANISM: Human
274 <400> SEQUENCE: 28
275 Ile Glu Thr Asp
276 1
278 <210> SEQ ID NO: 29
279 <211> LENGTH: 5
280 <212> TYPE: PRT
281 <213> ORGANISM: Human
283 <400> SEQUENCE: 29
284 Val Asp Gln Asp Gly
285 1 5
287 <210> SEQ ID NO: 30
288 <211> LENGTH: 5
289 <212> TYPE: PRT
290 <213> ORGANISM: Human
292 <400> SEQUENCE: 30
293 Val Leu Gly Asp Val
294 1 5
296 <210> SEQ ID NO: 31
297 <211> LENGTH: 5
298 <212> TYPE: PRT
299 <213> ORGANISM: Human
301 <400> SEQUENCE: 31
302 Asp Trp Val Asp Gly
303 1 5
305 <210> SEQ ID NO: 32
306 <211> LENGTH: 2101
307 <212> TYPE: PRT
308 <213> ORGANISM: Human
310 <400> SEQUENCE: 32
311 Met Thr Leu His Ala Thr Arg Gly Ala Ala Leu Leu Ser Trp Val Asn
312 1 5 10 15
313 Ser Leu His Val Ala Asp Pro Val Glu Ala Val Leu Gln Leu Gln Asp
314 20 25 30
315 Cys Ser Ile Phe Ile Lys Ile Ile Asp Arg Ile His Gly Thr Glu Glu
316 35 40 45

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/296,662

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TIME: 08:30:54

Input Set : A:\20221Y Sequence Listing.txt

Output Set: N:\CRF3\09262000\I296662.raw

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34